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PTO/SB/05 (11-00)

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 1082-010

First Inventor Douglas E. Smith

Title SYSTEM AND METHOD FOR MEASURING  
BENDING IN A PIN MEMBER

Express Mail Label No. EL918000059US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 54]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement of Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

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Name (Print/Type)	Stephen T. Sullivan	Registration No. (Attorney/Agent)	32,444
Signature		Date	July 2, 2001

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July 2, 2001

## *Via Express Mail*

Box Patent Application  
Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

**Re: *Filing of New U.S. Patent Application Entitled***  
***"SYSTEM AND METHOD FOR MEASURING***  
***BENDING IN A PIN MEMBER"***  
***Filing Date: July 2, 2001***  
***Our Ref. 1082-010 (2000-35-51)***

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Dear Sir:

We hereby submit the following papers in connection with the filing of this new U.S. patent application entitled "SYSTEM AND METHOD FOR MEASURING BENDING IN A PIN MEMBER" inventors Douglas E. Smith, Peter D. Totman, Randy L. Everton, Paul A. St. John, Marvin D. Bunderson, and Mark R. Eggett:

1. Utility Patent Application Transmittal;
2. Specification (53 pages) including claims (4 independent claims and 43 claims total);
3. Abstract of the Disclosure (1 page);
4. Drawing figures (15 figures on 5 sheets);
5. Check for \$ 1,204.00 to cover the filing fee; and
6. Postcard for receipt acknowledgment.

Assistant Commissioner for Patents  
July 2, 2001  
Page 2

The filing fee was determined as follows:

Basic filing fee:	\$710.00
Independent claims in excess of 3 (1 claim @ \$80.00 per claim):	\$80.00
Total claims in excess of 20 (23 claims @ \$18.00 per claim):	<u>\$414.00</u>
<b>Total Filing Fee:</b>	<b>\$1,204.00</b>

If there are any other fees due in connection with the filing of this application or otherwise relating to this application, please charge the fees to our Deposit Account No. 501324.

Please accord this application a serial number and the filing date of July 2, 2001.

Sincerely,



Stephen T. Sullivan

STS/akh  
Enclosures

**CERTIFICATE OF EXPRESS MAIL**

Express Mail Mailing Label No. EL918000059US  
Date of Deposit: July 2, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Assistant Commissioner for Patents, U.S. Patent and Trademark Office, Washington, D.C. 20231.

